

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Patent of ) Electronically Filed June 15, 2011  
NICK E. CIAVARELLA, et al. )  
Patent No. 7,950,548 )  
relating to )  
Serial No. 10/693,567 )  
Filed: October 25, 2003 )  
 )  
 )

Commissioner for Patents  
Office of Patent Publication  
ATTN: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION**

Sir:

The printing of Patent No. 7,950,548 contains a typographical error of consequence. An inventor's name is misspelled as "Mark E. Rosendranz" when it should be "Mark E. Rosenkranz." A Certificate Of Correction (Form PTO/SB/44) is submitted herewith which the Patent Owner requests be issued.

The Filing Receipt mailed January 26, 2004 includes the proper spelling of the inventor's name, and is enclosed. The Notice of Recordation of Assignment Document dated May 21, 2004 (Reel/Frame 014640/0944) includes the misspelling of "Rosenkranz" as "Rosendranz", and this misspelling was addressed by a Petition Requesting Correction of Recordation of Assignment Document. A Notice of Recordation of Assignment Document dated June 12, 2004 (Reel/Frame 014719/0325) was issued, but did not correct the misspelling so a Cover Letter Requesting Correction of Recordation of Assignment Document was submitted. Finally, the misspelling was corrected in the Notice of Recordation of Assignment Document dated June 18, 2004 (Reel/Frame 014719/0325). Copies of all of these documents are enclosed. Thus, the error in the printed patent is not believed to be

the fault of the Applicants.

No fee is believed due with the filing of this document. Nonetheless, in the event that a fee required for the filing of this document is missing or insufficient, the undersigned attorney hereby authorizes the Director to charge payment of any fees associated with this communication or to credit any overpayment to Deposit Account No. 18-0987, referencing file number GOJ.97.US.

If this Request raises any issues that require explanation, the Patent Owner would welcome a telephone call to the undersigned attorney.

Respectfully submitted,

/s/ Derek Somogy

Derek Somogy, Reg. No. 66833  
Renner, Kenner, Greive, Bobak, Taylor &  
Weber  
First National Tower - Fourth Floor  
Akron, Ohio 44308-1456  
Telephone: (330) 376-1242  
Facsimile: (330) 376-9646  
Attorney for Patent Owner



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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[www.uspto.gov](http://www.uspto.gov)

APPL NO	FILING OR 371 (C) DATE	ART UNIT	FIL FEE RECD	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/693,567	10/25/2003	3661	385	GOJ 03031	4	10	3

000026360  
 RENNER, KENNER, GREIVE, BOBAK, TAYLOR & WEBER  
 FOURTH FLOOR  
 FIRST NATIONAL TOWER  
 AKRON, OH 44308

CONFIRMATION NO. 2169

## FILING RECEIPT



\*OC000000011762438\*

Date Mailed: 01/26/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Nick E. Clavarella, Seven Hills, OH;  
 Mark E. Rosenkranz, Parma, OH;  
 Detlev Franz Smith, Fairlawn, OH;

**RECEIVED**

JAN 27 2004

RENNER, KENNER, GREIVE,  
BOBAK, TAYLOR & WEBER

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted: 01/23/2004

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Universal collar

030<sup>31</sup> 9745

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 21, 2004

PTAS

RENNER, KENNER, GREIVE, BOBAK, ET AL  
EDWARD G. GREIVE  
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4TH FLOOR  
AKRON, OH 44308-1456

\*102590423A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDED NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/25/2003

REEL/FRAME: 014640/0944

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: GOJ 03031

ASSIGNEE:  
CIAVARELLA, NICK E.

DOC DATE: 10/21/2003

ASSIGNEE:  
ROSENDRANZ, MARK E.

DOC DATE: 10/21/2003

ASSIGNEE:  
SMITH, DETLEV FRANZ

DOC DATE: 10/21/2003

ASSIGNEE:  
KANFER, JOSEPH S.  
4445 EVERETT ROAD  
RICHFIELD, OHIO 44286

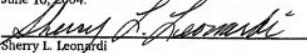
RECEIVED

MAY 26 2004

RENNER, KENNER, GREIVE,  
BOBAK, TAYLOR & WEBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of ) Customer No. 00026360  
NICK E. CIAVARELLA, )  
MARK E. ROSENKRANZ and )  
DETLEV FRANZ SMITH )  
Serial No. 10/693,567 )  
Filed October 25, 2003 )  
For UNIVERSAL COLLAR )  
                          )  
                          )

  
Sherry L. Leonard

Sherry L. Leonard

**REEL/FRAME: 014640/0944**

**CERTIFICATE OF FACSIMILE TRANSMISSION**  
I hereby certify that this correspondence was sent via  
facsimile to the Assignment Division of the U.S.  
Patent and Trademark Office at (703) 306.5995 on  
June 10, 2004.

**PETITION REQUESTING CORRECTION OF RECORDATION OF  
ASSIGNMENT DOCUMENT**

Sir:

In reviewing the Notice of Recordation of Assignment Document (Reel/Frame: 014640/0944, recorded on October 25, 2003) with the mailing date of May 21, 2004, we note that the document has a typographical error in the name of one of the Assignors.

The incorrect spelling, as was recorded, is: **MARK E. ROSENDRANZ**

The correct spelling is: **MARK E. ROSENKRANZ**

I have attached a copy of the Notice of Recordation with the correct spelling shown, a copy of the original Notice of Recordation with the incorrect spelling, and a copy of the executed Assignment document. Please make the necessary correction and send confirmation to my attention.

No fees are believed due with the filing of this document, nonetheless, in the event that a fee required for the filing of this document is missing or insufficient, the undersigned attorney hereby authorizes the Director to charge payment of any fees associated with this communication or to credit any overpayment to Deposit Account No. 18-0987.

If this Petition raises any issues that require explanation, the Applicant would welcome a telephone call to the undersigned attorney.

Respectfully submitted,



Shannon V. McCue, Reg. No. 42,859  
Renner, Kenner, Greive, Bobak, Taylor & Weber  
First National Tower, Fourth Floor  
Akron, Ohio 44308-1456  
Facsimile No.: (330) 376-9646  
Telephone: (330) 376-1242  
Attorney for Applicants



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



JUNE 12, 2004

PTAS

\*700090706A\*

RENNER, KENNER, GRIEVE ET AL  
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AKRON, OH 44306-1456

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 06/26/2003

REEL/FRAME: 014719/0325

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CLAVERELLA, NICK E.

DOC DATE: 10/21/2003

ASSIGNOR:

ROSENDRANZ, MARK E.

DOC DATE: 10/21/2003

ASSIGNOR:

SMITH, DETLEV FRANZ

DOC DATE: 10/21/2003

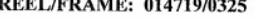
ASSIGNEE:

KANFER, JOSEPH S.  
4445 EVERETT ROAD  
RICHFIELD, OHIO 44286

SERIAL NUMBER: 10693567  
PATENT NUMBER:  
TITLE: UNIVERSAL COLLAR

FILING DATE: 10/25/2003  
ISSUE DATE:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of	)	
NICK E. CIAVARELLA,	)	Customer No. 00026360
MARK E. ROSENKRANZ and	)	<b>REEL/FRAME: 014640/0944</b>
DETLEV FRANZ SMITH	)	<b>REEL/FRAME: 014719/0325</b>
Serial No. 10/693,567	)	<b>CERTIFICATE OF FACSIMILE TRANSMISSION</b>
Filed October 25, 2003	)	I hereby certify that this correspondence was sent via facsimile to the Assignment Division of the U.S. Patent and Trademark Office at (703) 308.7124 on June 16, 2004.
For UNIVERSAL COLLAR	)	 Sherry L. Leonard

## **COVER LETTER**

**REQUESTING CORRECTION OF RECORDATION OF ASSIGNMENT  
DOCUMENT**

Dear Sedley Pyne;

On June 10, 2004, we filed a Petition Requesting Correction of an Assignment, and on June 12, 2004, we received your Notice of Recordation. I have attached a copy of your Notice and the materials that were sent on June 10, 2004. The inventor's name is misspelled on the Notice of Recordation that you sent on June 12, 2004, and we ask that you correct it as follows:

The incorrect spelling, as was recorded, is: **MARK E. ROSENDRANZ**

The correct spelling is: **MARK E. ROSENKRANZ**

For your convenience, a new Assignment Cover Sheet Form 1595 is attached. If there are any issues, please contact me at 330-761-6669.

Respectfully submitted,

Shannon V. McCue, Reg. No. 42,859  
Renner, Kenner, Greive, Bobak, Taylor & Weber  
First National Tower, Fourth Floor  
Akron, Ohio 44308-1456  
Facsimile No.: (330) 376-9646  
Telephone: (330) 376-1242  
Attorney for Applicants



UNITED STATES PATENT AND TRADEMARK OFFICE

**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE**

JUNE 18, 2004

PTAS

10.  $\sum_{k=1}^{n-1} \frac{1}{k^2} \leq \frac{n}{2}$

19.  $\sum_{k=1}^{n-1} \frac{1}{k^2} \leq \frac{n}{2}$

RENNER, KENNER, GRIEVE ET AL  
EDWARD G. GREIVE  
FOURTH FLOOR, FIRST NATIONAL TOWER  
AKRON, OH 44308-1456

CORRECTED  
BY OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 06/26/2003

REEL/FRAME: 014719/0325  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:  
CLAVERELLA NICK E

DOC. DATE: 10/21/2002

ASSIGNOR:  
BOGENKRANZ MARK E

DOC NAME: 10/21/2023

ASSIGNOR:  
SMITH, RICHARD FRANCIS

• 第二章 算法设计与分析 1.2.10 例题与练习

ASSIGNEE:  
KANFER, JOSEPH S.  
4445 EVERETT ROAD  
RICHLFIELD, OHIO 44286

SERIAL NUMBER: 10693567  
PATENT NUMBER:  
TITLE: UNIVERSAL COLLAR

FILING DATE: 10/25/2003  
ISSUE DATE: